1011-05-389 **Paul-Hermann Zieschang*** (zieschang@utb.edu), UTB/TSC, 80 Fort Brown, Brownsville, TX.

On Association Schemes of Odd Order. Preliminary report.

Let S be a finite association scheme and assume that, for each element s in S, $|s|$ has odd order. A theorem of Walter Feit and John Thompson says that S is solvable if S is thin. Using this theorem we shall prove that schurian simple schemes of odd order are primitive. We also give details about association schemes of order $p^\alpha q^\beta$. (Received August 31, 2005)